

indefiniteness rejection (claims 15-19). Dependent claims 2, 3, 6 and 16-19 have been amended in view of the amendments to claims 1, 8 and 15. Claim 10 has been amended to depend on independent claim 8. Claims 4, 5, 7, 9, 12-14 and 20 have been canceled without prejudice or admission. New claims 21-25 have been added to provide a fuller scope of coverage. A new abstract which more clearly reflects the invention to which the amended claims are directed has been substituted for the previously submitted abstract.

In view of the foregoing amendments to the claims, applicants respectfully submit that the rejection of claims 4, 5, 7, 9, 12, 14 and 20 under 35 U.S.C. §112, second paragraph, has been rendered moot and the rejection of claims 10 and 15-19 under 35 U.S.C. §112, second paragraph, has been overcome and should be withdrawn.

Attached hereto is a marked-up version of the changes made to the abstract and claims by the current amendment. The attached pages i-vi are captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE".

Applicants respectfully request reconsideration of their application in light of the following discussion.

#### Brief Summary of the Invention

The present invention is directed to an information processing system, an information processing method, and a

computer-readable recording medium for executing the information processing method on a computer.

As described in the specification (pages 1-2), conventional information processing devices, such as portable telephones, have very small display screens due to the requirement for miniaturization of these devices. As a result, the amount of information that can be displayed in the display screens of conventional portable information processing devices is limited. Furthermore, with a portable telephone, it is very difficult to view the display screen during a phone conversation when the portable telephone is in contact with the user's ear.

The present invention overcomes the drawbacks of the conventional art. Figs. 1-2 show an embodiment of an information processing system according to the present invention embodied in the claims. The information processing system has a first information processing device 100 having a first wireless communicator for receiving and sending data information by wireless communication and a display 110 for displaying the data information. A second information processing device 101 has a second wireless communicator for receiving and sending data information by wireless communication from the first information processing device 100 and a display 120 for displaying data information

corresponding to the data information displayed by the display 110 of the first information processing device 100.

In one embodiment, the data information displayed by the display 120 of the second information processing device 101 corresponds to information relating to a remaining charge of a battery of the first information processing device 100. In another embodiment, the data information displayed by the display 120 of the second information processing device 101 corresponds to information relating to an ongoing communication state between the first information processing device 100 and an external device.

In another aspect, as illustrated in the flowchart of Fig. 3, the present invention is directed an information processing method utilizing the information processing system of the present invention as described above. In yet another aspect, the present invention is directed to a computer-readable recording medium for storing a program for processing a computer to execute the information processing method according to the present invention.

By the foregoing information processing system and method according to the present invention, the content of a display of a first information processing device can be easily confirmed by viewing the display of a second information processing device, particularly when it is difficult to view the display of the first information processing device.

### Traversal of Prior Art Rejections

Claims 1-3, 6, 8, 10, 15 and 17-19 were rejected under 35 U.S.C. §103(a) as being unpatentable over Griffin in view of Duwaer. Applicants respectfully traverse this rejection and submit that the combined teachings of Griffin and Duwaer do not disclose or suggest the subject matter recited in claims 1-3, 6, 8, 10, 15 and 17-19.

Amended independent claim 1 is directed to an information processing system and requires a first information processing device having a first wireless communicator for receiving and sending data information by wireless communication and a display for displaying the data information, and a second information processing device having a second wireless communicator for receiving and sending data information by wireless communication from the first information processing device and a display for displaying data information corresponding to the data information displayed by the display of the first information processing device. No corresponding structural combination is disclosed or suggested by the prior art of record.

Amended independent claim 8 is directed to an information processing method and requires the steps of providing a first information processing device having a first wireless communicator for receiving and sending data

information by wireless communication and a first display for displaying the data information, providing a second information processing device having a second wireless communicator and a second display, and operating the second information processing device so that the second wireless communicator receives data information by wireless communication from the first information processing device and the second display displays data information corresponding to the data information displayed by the first display. No corresponding combination of steps is disclosed or suggested by the prior art of record.

Amended independent claim 15 is also directed to an information processing system and requires a first information processing device having a first wireless communicator for receiving and sending data information by wireless communication and a display for displaying the data information, a second information processing device having a second wireless communicator for receiving and sending data information by wireless communication from the first information processing device and a display for displaying information, and display control means for controlling the display of the second information processing device to display data information corresponding to the data information displayed by the display of the first information processing

device. Again, no corresponding structural combination is disclosed or suggested by the prior art of record.

The primary reference to Griffin discloses an information processing device having a display 500 (Fig. 1). As acknowledged by the Examiner, Griffin does not teach a second information processing device. More specifically, Griffin does not disclose or suggest a second information processing device having a second wireless communicator for receiving and sending data information by wireless communication from the first information processing device and a display for displaying data information corresponding to the data information displayed by the display of the first information processing device, as required by amended independent claim 1.

Likewise, Griffin does not disclose or suggest an information processing system having a second information processing device having a second wireless communicator for receiving and sending data information by wireless communication from the first information processing device and a display for displaying information, and display control means for controlling the display of the second information processing device to display data information corresponding to the data information displayed by the display of the first information processing device, as required by amended independent claim 15.

Moreover, Griffin does not disclose or suggest the steps of providing a second information processing device having a second wireless communicator and a second display, and operating the second information processing device so that the second wireless communicator receives data information by wireless communication from the first information processing device and the second display displays data information corresponding to the data information displayed by the first display, as required by amended independent claim 8.

The Examiner cited the secondary reference to Duwaer for its disclosure of wireless communication between two information processing devices. More specifically, Duwaer discloses a telephone system 1 having wrist-watch wireless telephones 2, 3 and radio base stations 4, 5 coupled to a telephone network 6 (Fig. 1). The wireless telephones 2, 3 can communicate with each other and are arranged for bi-directional communication with the radio base stations 4, 5.

However, there is no disclosure or suggestion in Duwaer of a second information processing device having a display for displaying data information corresponding to the data information displayed by the display of the first information processing device, as required by amended independent claim 1. Likewise, Duwaer does not disclose or suggest an information processing system having a display for

displaying information, and display control means for controlling the display of the second information processing device to display data information corresponding to the data information displayed by the display of the first information processing device, as required by amended independent claim 15. Furthermore, Duwaer does not disclose or suggest the steps of providing a second information processing device having a second display and operating the second information processing device so that the second wireless communicator receives data information by wireless communication from the first information processing device and the second display displays data information corresponding to the data information displayed by the first display, as required by amended independent claim 8.

Since Duwaer does not disclose or suggest the foregoing features recited in amended independent claims 1, 8 and 15, it does not cure the deficiencies of Griffin. Accordingly, one ordinarily skilled in the art would not have been led to modify the references to attain the claimed subject matter.

Claims 2-3, 6, 10 and 17-19 depend on and contain all of the limitations of amended independent claims 1, 8 and 15, respectively, and, therefore, distinguish from the references at least in the same manner as claims 1, 8 and 15.



Moreover, there are separate grounds for patentability of dependent claims 2, 3, 10 and 17-19 which are directed to the specific type of data information of the first information processing device displayed by the display of the second information processing device. No corresponding features are disclosed or suggested by the prior art of record.

In view of the foregoing, applicants respectfully request that the rejection of claims 1-3, 6, 8, 10, 15 and 17-19 under 35 U.S.C. §103(a) as being unpatentable over Griffin in view of Duwaer be withdrawn.

Claims 11 and 16 were rejected under 35 U.S.C. §103(a) as being unpatentable over Griffin in view of Duwaer and further in view of Crossland. Applicants respectfully traverse this rejection and submit that the combined teachings of Griffin, Duwaer and Crossland do not disclose or suggest the subject matter recited in claims 11 and 16.

Griffin in view of Duwaer does not disclose or suggest the subject matter recited in amended independent claims 8 and 15 as set forth above for the rejection of claims 1-3, 6, 8, 10, 15 and 17-19 under 35 U.S.C. §103(a). Claims 11 and 16 depend on and contain all of the limitations of amended independent claims 8 and 15, respectively, and, therefore, distinguish from the references at least in the same manner as claims 8 and 15.

The Examiner cited the secondary reference to Crossland for its disclosure of a computer-readable recording medium for storing a program for processing by a computer to execute the information processing and for its disclosure of a processing device having a display for displaying characters, symbols and images. However, Crossland clearly does not disclose or suggest the combination of the information processing method recited in amended independent claim 8 and the information processing system recited in amended independent claim 15, from which claims 11 and 16 respectively depend. Since Crossland does not disclose or suggest the features recited in claims 8 and 15, it does not cure the deficiencies of Griffin as modified by Duwaer. Accordingly, one of ordinary skill in the art would not have been led to modify the references to attain the claimed subject matter.

In view of the foregoing, applicants respectfully request that the rejection of claims 11 and 16 under 35 U.S.C. §103(a) as being unpatentable over Griffin in view of Duwaer and further in view of Crossland be withdrawn.

Applicants respectfully submit that newly added claims 21-25 also patentably distinguish from the prior art of record.

Claims 21-25 depend on and contain all of the limitations of amended independent claim 1 and, therefore,

distinguish from the references at least in the same manner as claim 1.

In view of the foregoing amendments and discussion, the application is believed to be in allowable form. Accordingly, favorable reconsideration and allowance of the claims are most respectfully requested.

Respectfully submitted,  
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Signature

DECEMBER 31, 2002

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE ABSTRACT:

The previously submitted abstract has been replaced with the following new abstract:

An information processing system has a first information processing device having a first wireless communicator for receiving and sending data information by wireless communication and a display for displaying the data information. A second information processing device has a second wireless communicator for receiving and sending data information by wireless communication from the first information processing device and a display for displaying data information corresponding to the data information displayed by the display of the first information processing device.

IN THE CLAIMS:

Claims 1-3, 6, 8, 10 and 15-19 have been amended as follows:

1. (Twice Amended) An information processing [device] system comprising:

a first information processing device having a first wireless communicator for receiving and sending data

information by wireless communication and a display [means]  
for displaying the data information; and

a second information processing device having a  
second wireless communicator for receiving and sending data  
information by wireless communication from the first  
information processing device and a display for displaying  
data information corresponding to the data information  
displayed by the display of the first information processing  
device.

[wireless communication means for receiving data by  
wireless communication from another information processing  
device having a display screen for displaying information; and

display control means for controlling the display  
means in accordance with data received from the wireless  
communication means to display information corresponding to a  
part of or the entire content of information displayed by the  
display screen of the other information processing device.]

2. (Twice Amended) An information processing system  
[device] according to claim 1; wherein the data information  
displayed by the display of the second information processing  
device [display means] corresponds to information relating to  
a remaining charge of a battery of the first [other]  
information processing device.

3. (Twice Amended) An information processing system [device] according to claim 1; wherein the data information displayed by the display of the second information processing device [means] corresponds to information relating to an ongoing communication state between the first [other] information processing device and an external device.

6. (Amended) An information processing [device] system according to claim 1; further comprising mounting means for mounting the second information processing device on a person's arm.

8. (Twice Amended) An information processing method, comprising the steps of:

providing a first information processing device having a first wireless communicator for receiving and sending data information by wireless communication and a first display for displaying the data information;

providing a second information processing device having a second wireless communicator and a second display;  
and

operating the second information processing device so that the second wireless communicator receives data information by wireless communication from the first information processing device and the second display displays

data information corresponding to the data information displayed by the first display.

[receiving data from an information processing device having a display screen for displaying information; and displaying information corresponding to a part of or the entire content of information displayed by the display screen of the information processing device in accordance with the received data.]

10. (Twice Amended) An information processing method according to claim [9] 8; wherein the data information displayed by the first display [screen of the information processing device] comprises first level information; and wherein the operating [displaying] step comprises displaying with the second display second level information corresponding to a sub-level of the first level information.

15. (Amended) An information processing system comprising:

a first information processing device having a first wireless communicator for receiving and sending data information by wireless communication and a display for displaying the data information;

a second information processing device having a second wireless communicator for receiving and sending data information by wireless communication from the first

information processing device and a display for displaying information; and

[wireless communication means for receiving data by wireless communication from the first information processing device; and]

display control means for controlling the display of the second information processing device [in accordance with data received from the wireless communication means] to display data information corresponding to [a part of or the entire content of] the data information displayed by the display of the first information processing device.

16. (Amended) An information processing system according to claim 15; wherein the data information displayed by the displays of the first and second processing devices comprises characters, symbols and images.

17. (Amended) An information processing system according to claim 15; wherein the data information displayed by the display of the second processing device corresponds to information relating to a remaining charge of a battery of the first information processing device.

18. (Amended) An information processing system according to claim 15; wherein the data information displayed by the display of the second information processing device corresponds to information relating to an ongoing



communication state between the first information processing device and an external device.

19. (Amended) An information processing system according to claim 15; wherein the data information displayed by the display of the first information processing device comprises first level information; and wherein the data information displayed by the display of the second information processing device comprises second level information corresponding to a sub-level of the first level information.